

Are There Fewer Sailors In- port?

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What Did We Look At?

- **What are ships doing, and when?**
 - **Ticonderoga class cruisers**
 - **Whidbey Island class LSDs**
- **How do people flow on and off ships?**
- **What are manning differences between deployed and not deployed?**
- **What are others doing?**
- **How do we begin to think about in-port workload?**

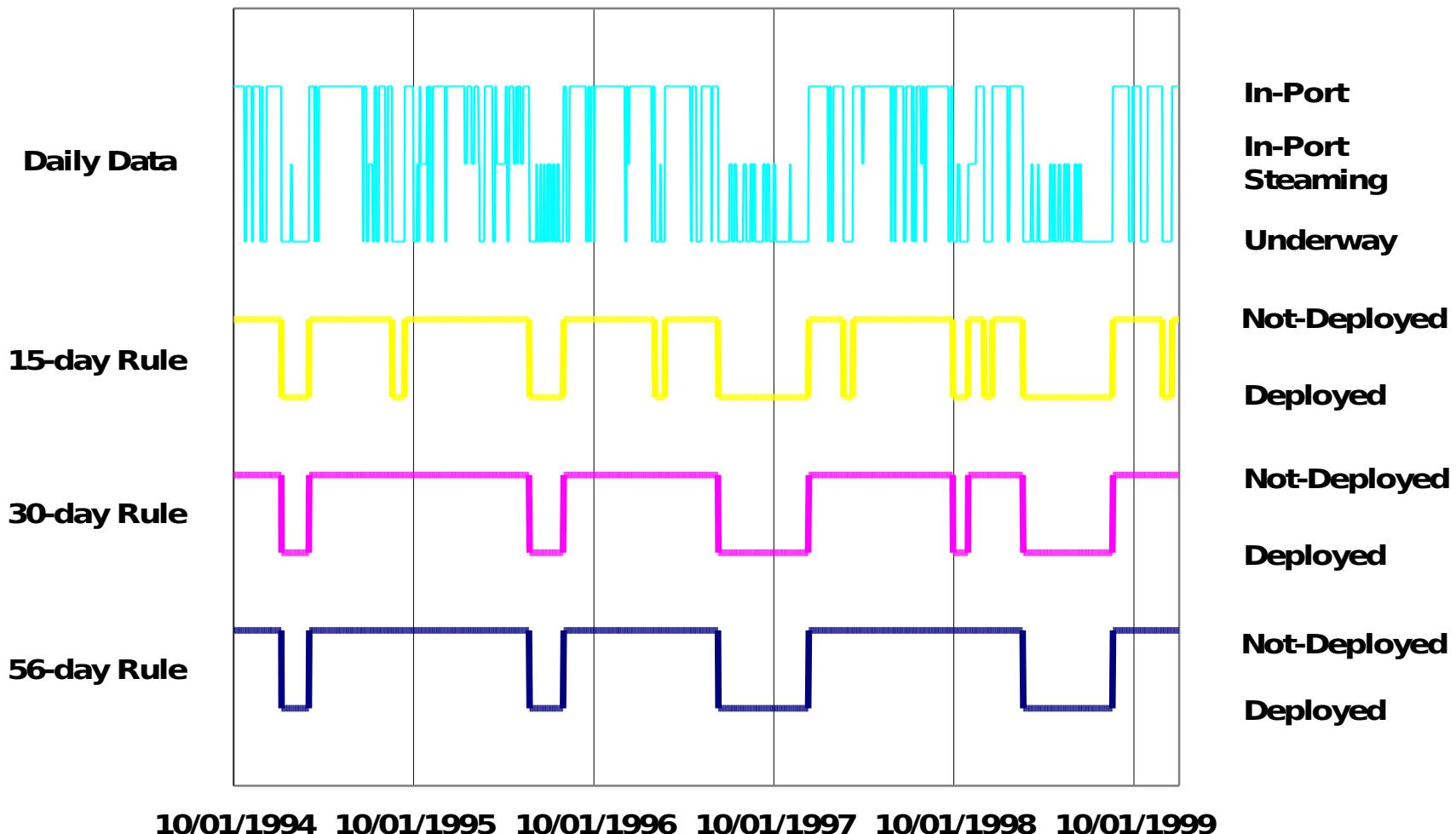
How Did We Look At It?

- **Derived ship states**
 - Deployed
 - Not-Deployed

Used fleet employment data
- **Categorized the workforce**
 - Communities
 - Grade bands

Used Navy and DoD occupational and personnel data
- **Matched ship states to workforce**

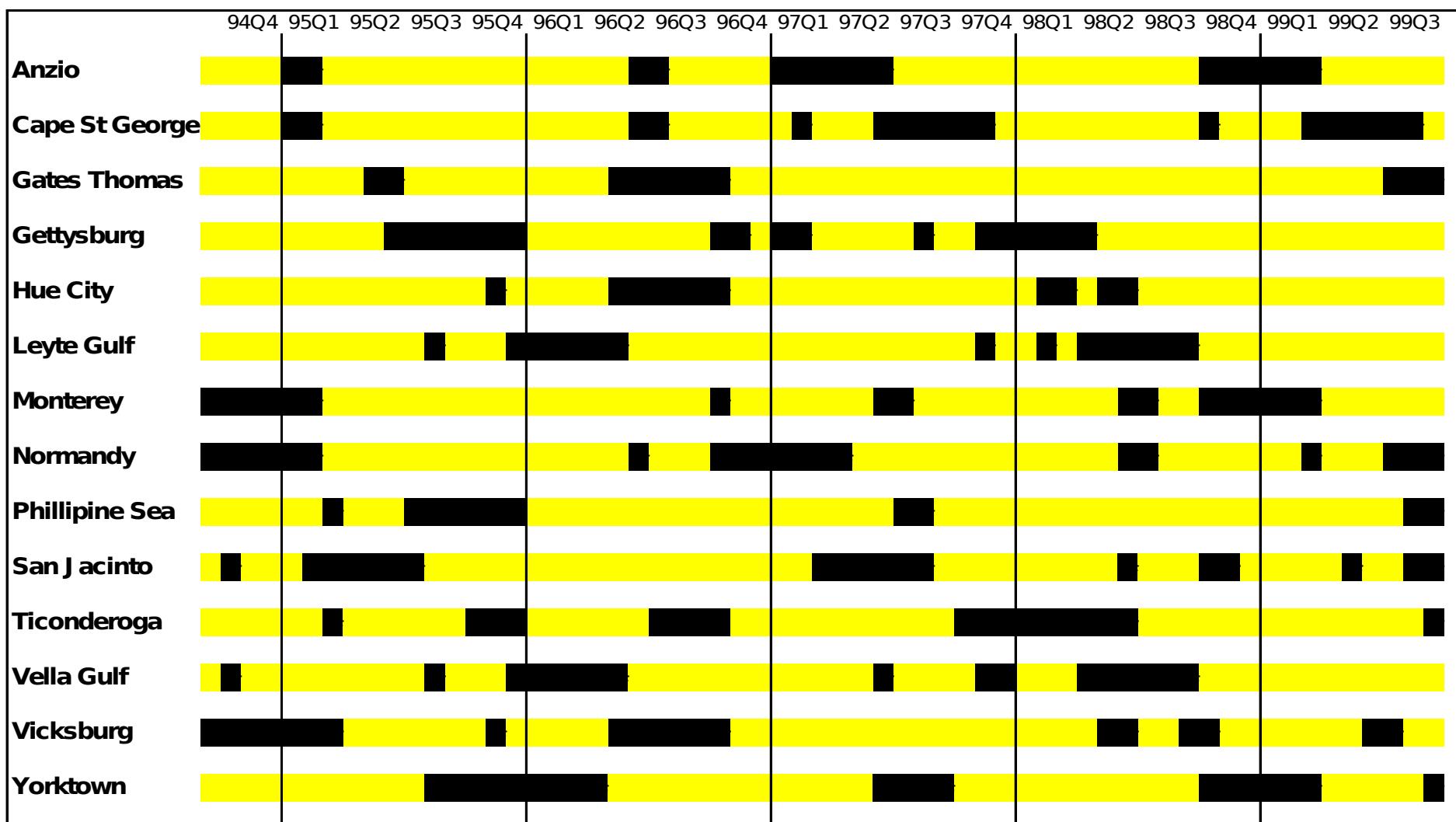
How Did We Define Deployed?



“Not-deployed” Includes a Lot of Underway Time

	% In-port	% In-port Steaming	% Underway
Deployed	2	13	85
Not-Deployed	76	6	18
Overall	57	8	35

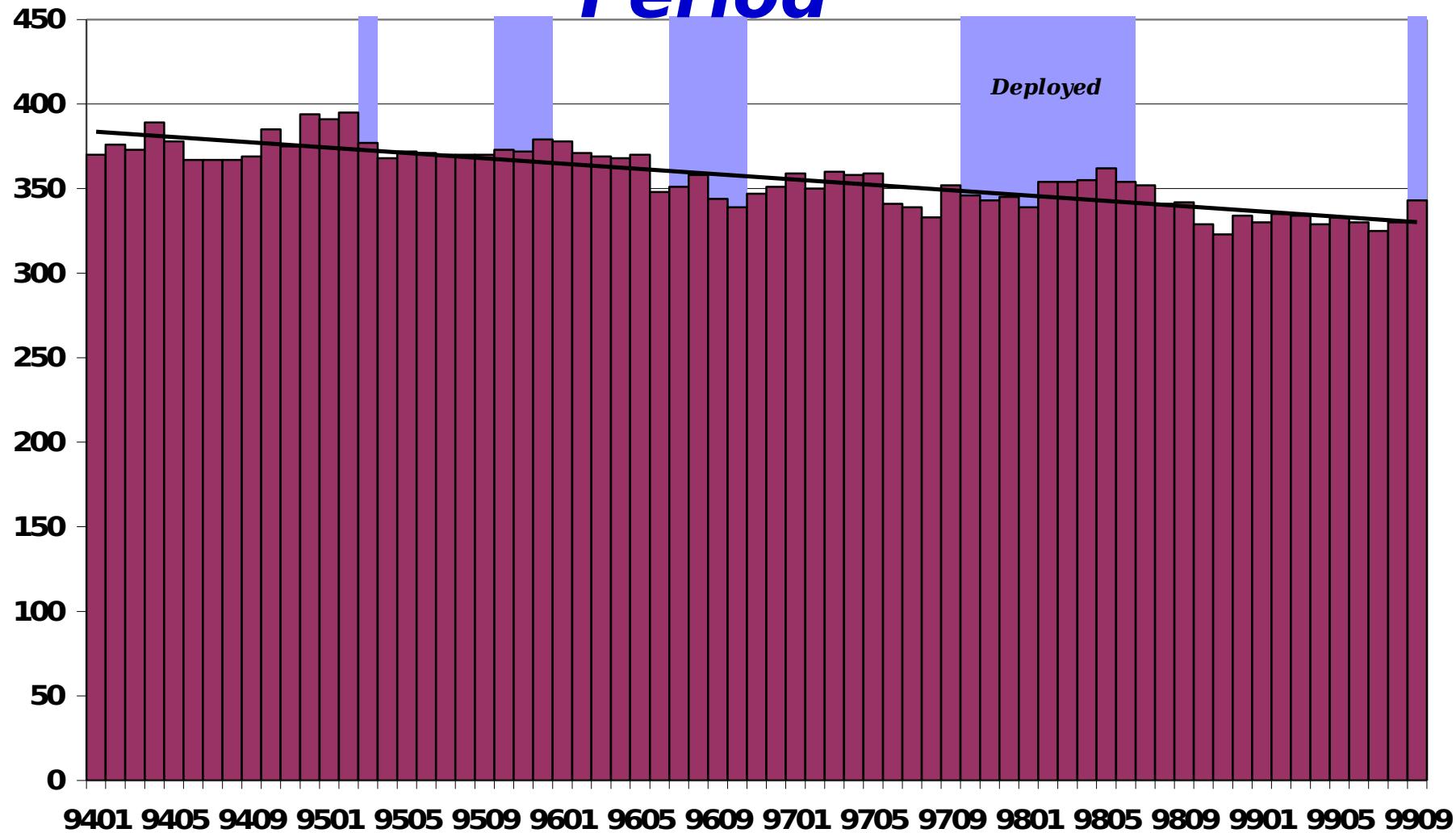
Monthly Pattern of Deployment



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Manning Decreases Over the 5-year Period



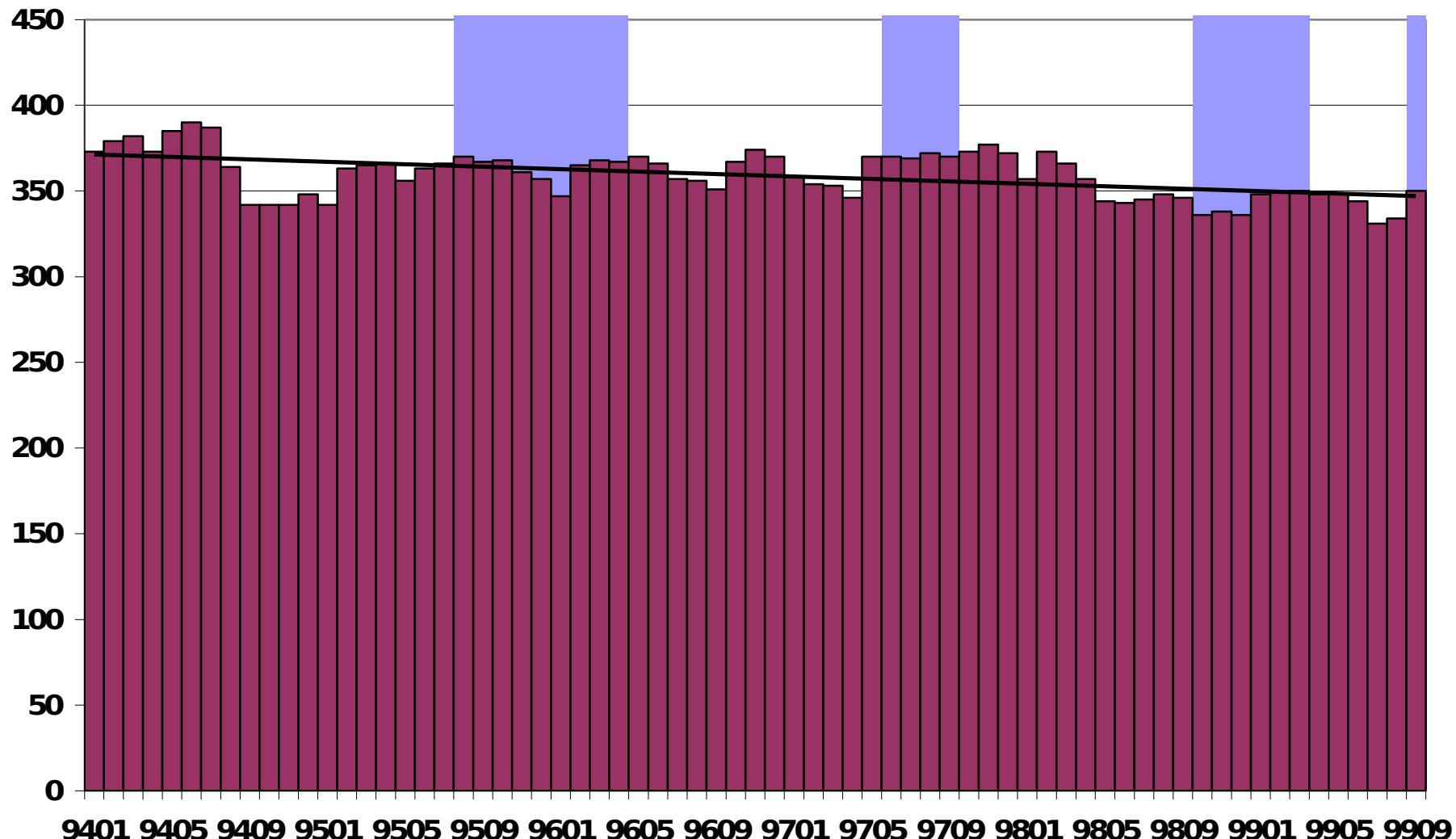
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Manning Decreases for Smart Ships Also



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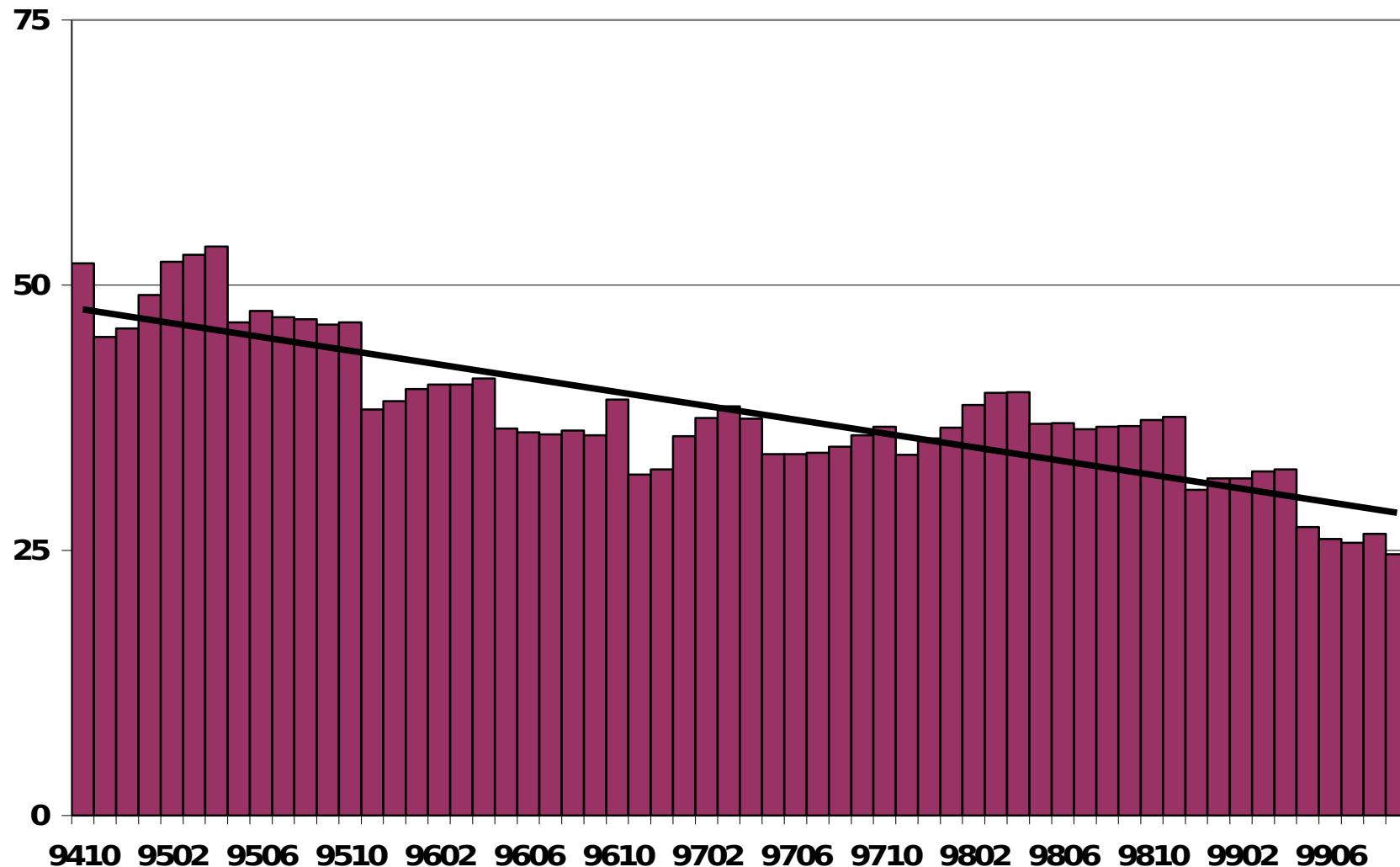
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For the Most Part, Decreases Are In Junior Enlisted Sailors



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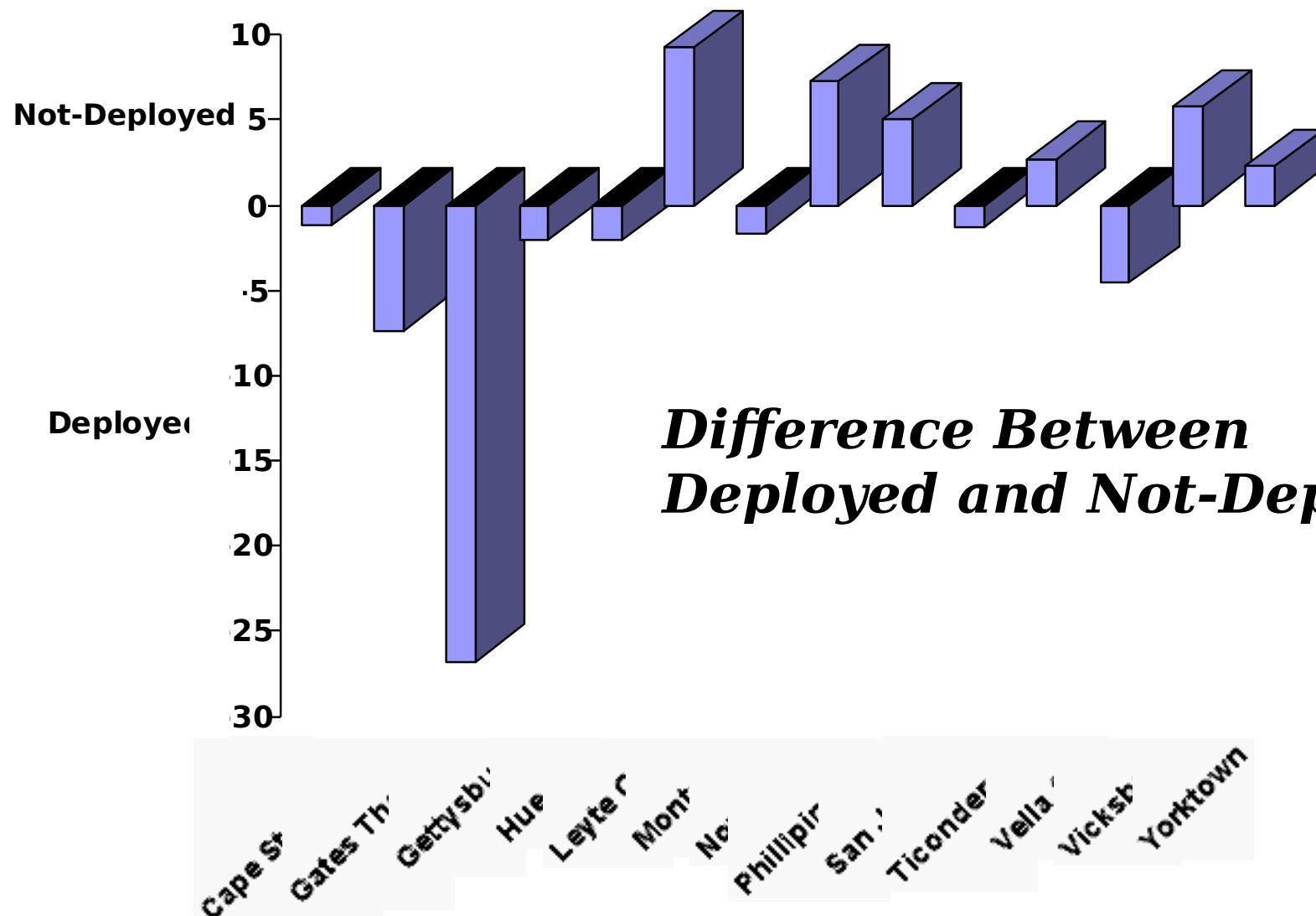
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Ship By Ship, You Can See Differences

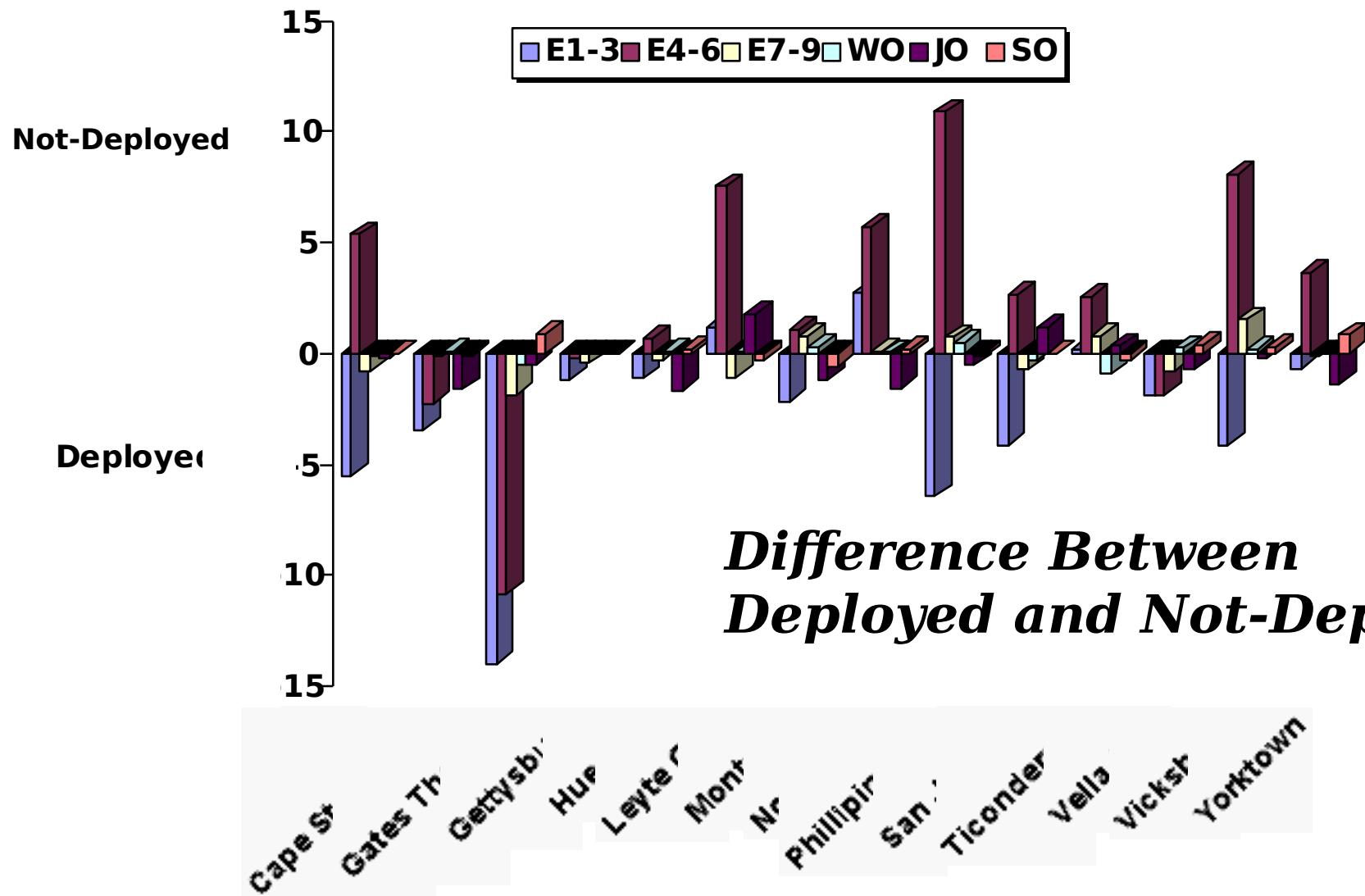


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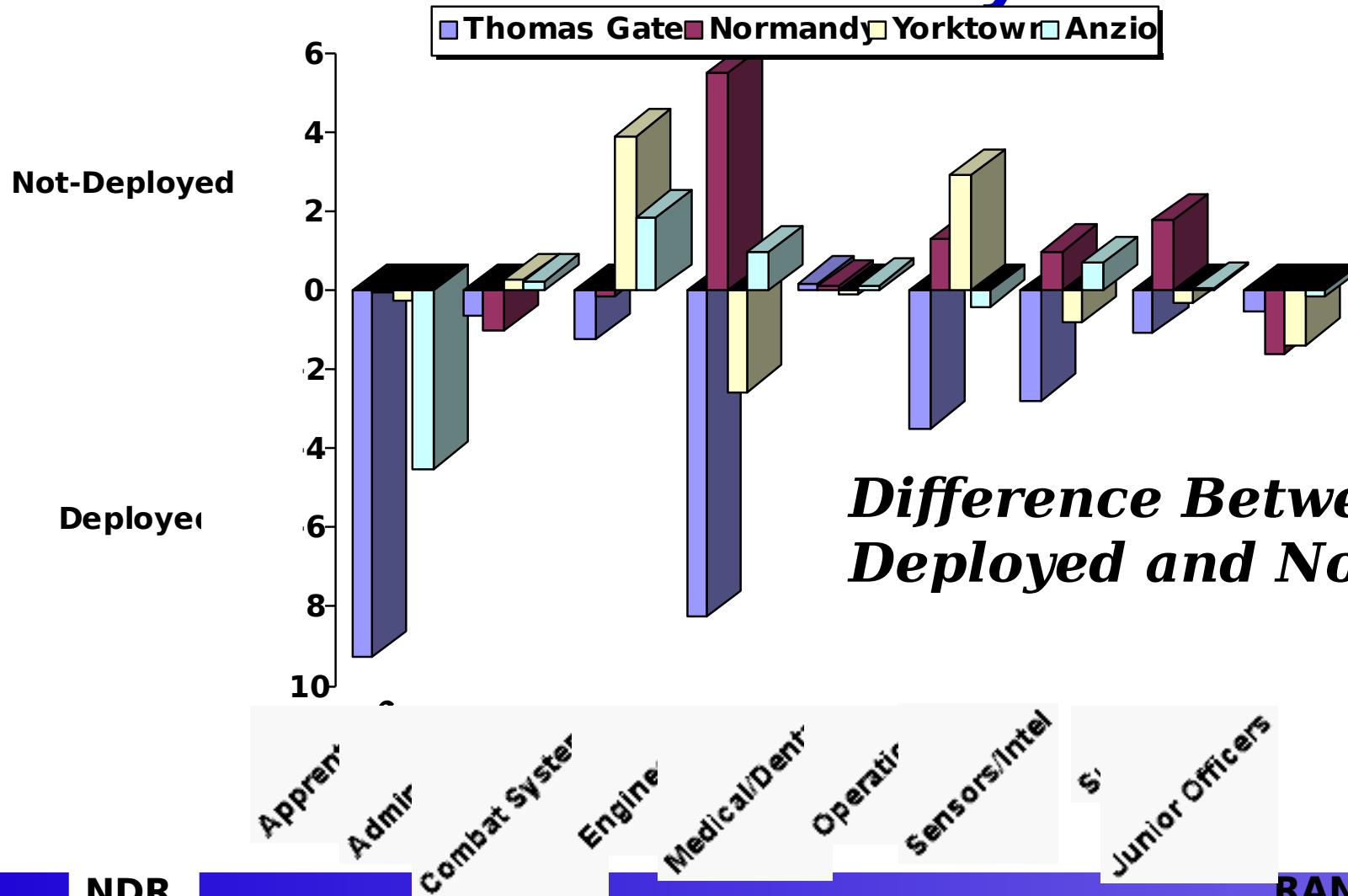
10/03/2016 *Note: effect of strength decline is held neutral*

Differences Exist By Grade Band



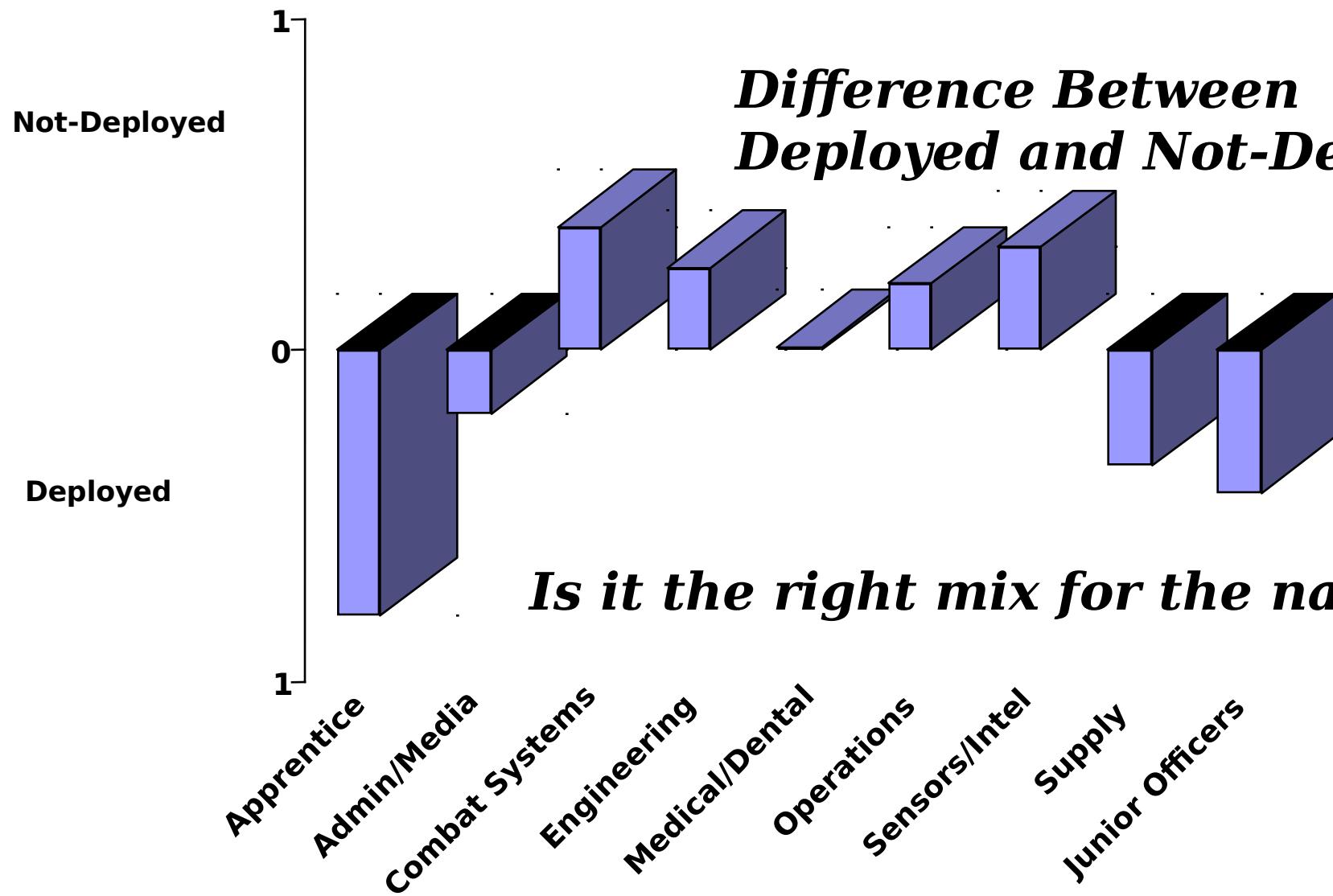
*Difference Between
Deployed and Not-Deployed*

A Few Cruisers Have Variation Between States by Occupational Community



Difference Between Deployed and Not-Deployed

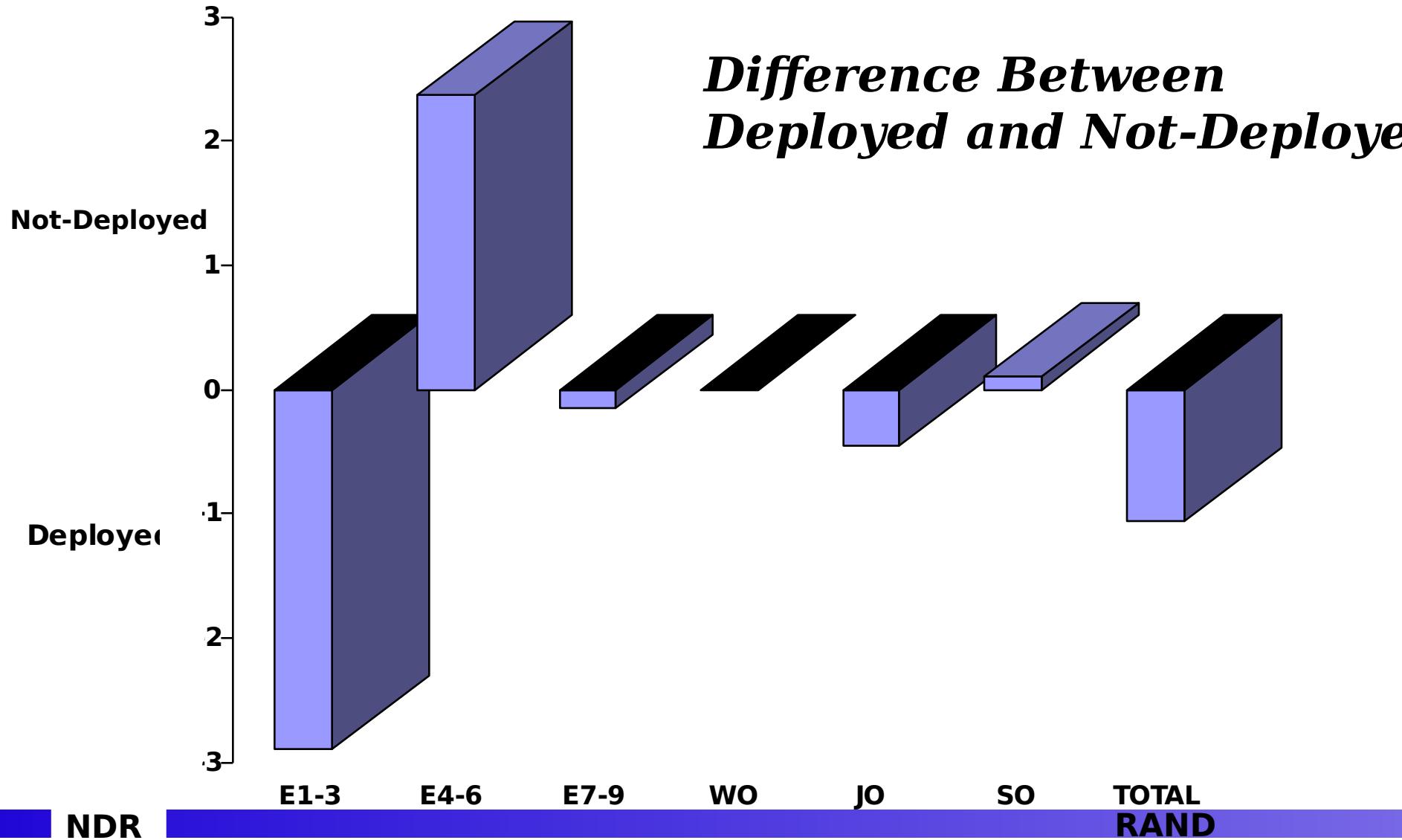
Little Difference by Occupation



Difference Between Deployed and Not-Deployed

Is it the right mix for the nature of

Bulk of Difference Overall Is Between E1-3 and E4-6



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1 03/Note: effect of strength decline is held neutral

Observations

- **Lot of “motion” even while not-deployed**
- **Manning has decreased over a 5-year period**
- **Smart Ships**
 - **Manned similarly to other ships of class**
 - **Better manned compared to requirements**
- **Similar crew sizes deployed and not-deployed**
 - **Small numbers of grade differences exist**
 - **Variation among ships**
- **Actual on-board may be less because of increased leave, service diversion, and training**

Challenges in Requirements Determination

- **Current manning is same deployed and not-deployed, although work content is different**
 - What is the “right” occupational mix?
 - Grade differences
- **Future manning may be different**
 - How do we develop the future force?
- **Logic of Navy workweek differs from civilian workweek**
 - Are there “enough” sailors to complete in-port work?